

Title (en)
METHODS AND COMPOSITIONS FOR THE SPECIFIC INHIBITION OF TRANSTHYRETIN (TTR) BY DOUBLE-STRANDED RNA

Title (de)
VERFAHREN UND ZUSAMMENSETZUNGEN ZUR SPEZIFISCHEN HEMMUNG VON TRANSTHYRETIN (TTR) DURCH DOPPELSTRÄNGIGE RNA

Title (fr)
MÉTHODES ET COMPOSITIONS POUR L'INHIBITION SPÉCIFIQUE DE TRANSTHYRÉTINE (TTR) PAR UN ARN BICATÉNAIRE

Publication
EP 3077511 A4 20170705 (EN)

Application
EP 14868391 A 20141205

Priority
• US 201361912891 P 20131206
• US 2014068764 W 20141205

Abstract (en)
[origin: WO2015085158A1] This invention relates to compounds, compositions, and methods useful for reducing transthyretin (TTR) target RNA and protein levels via use of dsRNAs, e.g., Dicer substrate siRNA (DsiRNA) agents.

IPC 8 full level
C12N 15/113 (2010.01); **A61K 31/7088** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP US)
A61K 31/713 (2013.01 - EP US); **C12N 15/113** (2013.01 - EP US); **C12N 15/1138** (2013.01 - EP US); **C12Q 1/6883** (2013.01 - EP US); **C12N 2310/14** (2013.01 - EP US); **C12N 2310/315** (2013.01 - US); **C12N 2310/321** (2013.01 - US); **C12Q 2600/178** (2013.01 - EP US)

Citation (search report)
• [X] WO 2013075035 A1 20130523 - ALNYLAM PHARMACEUTICALS [US]
• [X] WO 2012037254 A1 20120322 - ALNYLAM PHARMACEUTICALS INC [US], et al
• [X] WO 2011005860 A2 20110113 - ALNYLAM PHARMACEUTICALS INC [US], et al
• [X] AARON BOUCHIE: "Companies in footrace to deliver RNAi", NATURE BIOTECHNOLOGY, vol. 30, no. 12, 7 December 2012 (2012-12-07), pages 1154 - 1157, XP055088433, ISSN: 1087-0156, DOI: 10.1038/nbt1212-1154
• [A] DORÉ-SAVARD LOUIS ET AL: "Central delivery of Dicer-substrate siRNA: a direct application for pain research", MOLECULAR THE, NATURE PUBLISHING GROUP, GB, vol. 16, no. 7, 1 July 2008 (2008-07-01), pages 1331 - 1339, XP009107680, ISSN: 1525-0024, DOI: 10.1038/MT.2008.98
• [A] JIEHUA ZHOU ET AL: "Deep Sequencing Analyses of DsiRNAs Reveal the Influence of 3' Terminal Overhangs on Dicing Polarity, Strand Selectivity, and RNA Editing of siRNAs", MOLECULAR THERAPY - NUCLEIC ACIDS, vol. 1, 1 January 2012 (2012-01-01), GB, pages e17, XP055377053, ISSN: 2162-2531, DOI: 10.1038/mtna.2012.6
• See references of WO 2015085158A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2015085158 A1 20150611; AU 2014360314 A1 20160630; AU 2014360314 B2 20180426; CA 2932904 A1 20150611; EP 3077511 A1 20161012; EP 3077511 A4 20170705; US 10150965 B2 20181211; US 10676742 B2 20200609; US 11066672 B1 20210720; US 11697812 B2 20230711; US 2016304870 A1 20161020; US 2019144859 A1 20190516; US 2023058834 A1 20230223

DOCDB simple family (application)
US 2014068764 W 20141205; AU 2014360314 A 20141205; CA 2932904 A 20141205; EP 14868391 A 20141205; US 201415102181 A 20141205; US 201816168671 A 20181023; US 202016837687 A 20200401; US 202117305177 A 20210701